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12-13-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application: Art Unit: 2681  
Serial No.: 09/939,006  
Filed: August 24, 2001  
For: **Communication System Employing Channel Estimation Loop-Back Signals**

Box Patent Application  
Commissioner for Patents  
Washington, DC 20231

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Sir:

**INFORMATION DISCLOSURE STATEMENT** Technology Center 2600

In accordance with 37 C.F.R. 1.56, counsel wishes to make of record the attached items of information for the Examiner's consideration in connection with this application. Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application mailed 27 November 2002, which is less than 3 months from this filing. Also enclosed is a form PTO-1449 for the Examiner's convenience in making such consideration of record. Inclusion herein of any particular item of information is not to be construed as an admission that same is prior art.

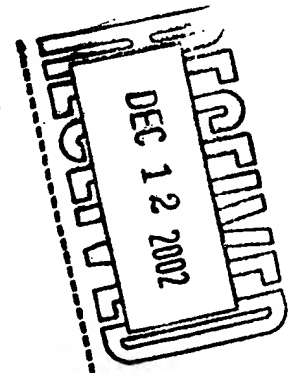
**The Commissioner is hereby authorized to charge any fees that may be required or credit any overpayment to Deposit Account 18-1167.**

Respectfully submitted,

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Date: December 4, 2002  
File No.: 4015-1600

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FORM PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION PURSUANT TO  
37 CFR §1.97 & 1.98**

Docket Number:	Serial Number:
4015-1600	09/939,006
Applicant:	
DENT, Paul	
Filing Date:	Group:
August 24, 2001	2681

U. S. PATENT DOCUMENTS

Examiner					Filing Date		
Initial	Patent No.	Date	Name	Class	Subcl	If Approp.	

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FOREIGN PATENT DOCUMENTS

Technology Center 2600

					Translation			
	Patent No.	Date	Name	Class	Subcl	Yes	No	
A	EP 1067710	2001	CIT Alcatel					

OTHER DOCUMENTS (including author, title, date, pages, etc.)

B	Thompson, J. S. et al: "Downlink transmit diversity schemes for CDMA networks" IEE Proceedings: Communications, Institution of Electrical Engineers, GB, vol. 147 no. 6, 11 December 2000, pages 371-380, XP006013998 ISSN: 1350-2425
C	Ying-Chang Liang et al: "Transmit antenna array techniques for cellular CDMA systems" Personal, Indoor and Mobile Radio Communications, 1998. The Ninth IEEE International Symposium on Boston, MA, USA 8-11 Sept. 1998, New York, NY, USA, IEEE, US, 8 September 1998, pages 1396-1400, XP010314608 ISBN: 0-7803-4872-9
D	Montalbano, G. et al: "Spatio-temporal array processing for matched filter bound optimization in SDMA downlink transmission" Signals, Systems, and Electronics, 1998, ISSSE 98. 1998 URSI International Symposium on Pisa, Italy 29 Sept. - 2 Oct. 1998, New York, NY, USA, IEEE, US, 29 September 1998, pages 416-421, XP010316826 ISBN: 0-7803-4900-8

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.